

**Method and Apparatus for Scalable Encoding and Method and
Apparatus for Scalable Decoding**

Abstract

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An apparatus for scalable encoding a spectrum of a signal including audio and/or video information, with the spectrum comprising binary spectral values, includes a means (102) for generating a first sub-scaling layer and a second sub-scaling layer in addition to a means (106) for forming the encoded signal, with the means (106) for forming being implemented so as to include the first sub-scaling layer and the second sub-scaling layer into the encoded signal that the first and the second sub-scaling layer are separately decodable from each other. In contrast to a full-scaling layer, a sub-scaling layer includes only the bits of a certain order of a part of the binary spectral values in the band, so that, by additionally decoding a sub-scaling layer, a more finely controllable and a more finely scalable precision gain may be achieved.

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